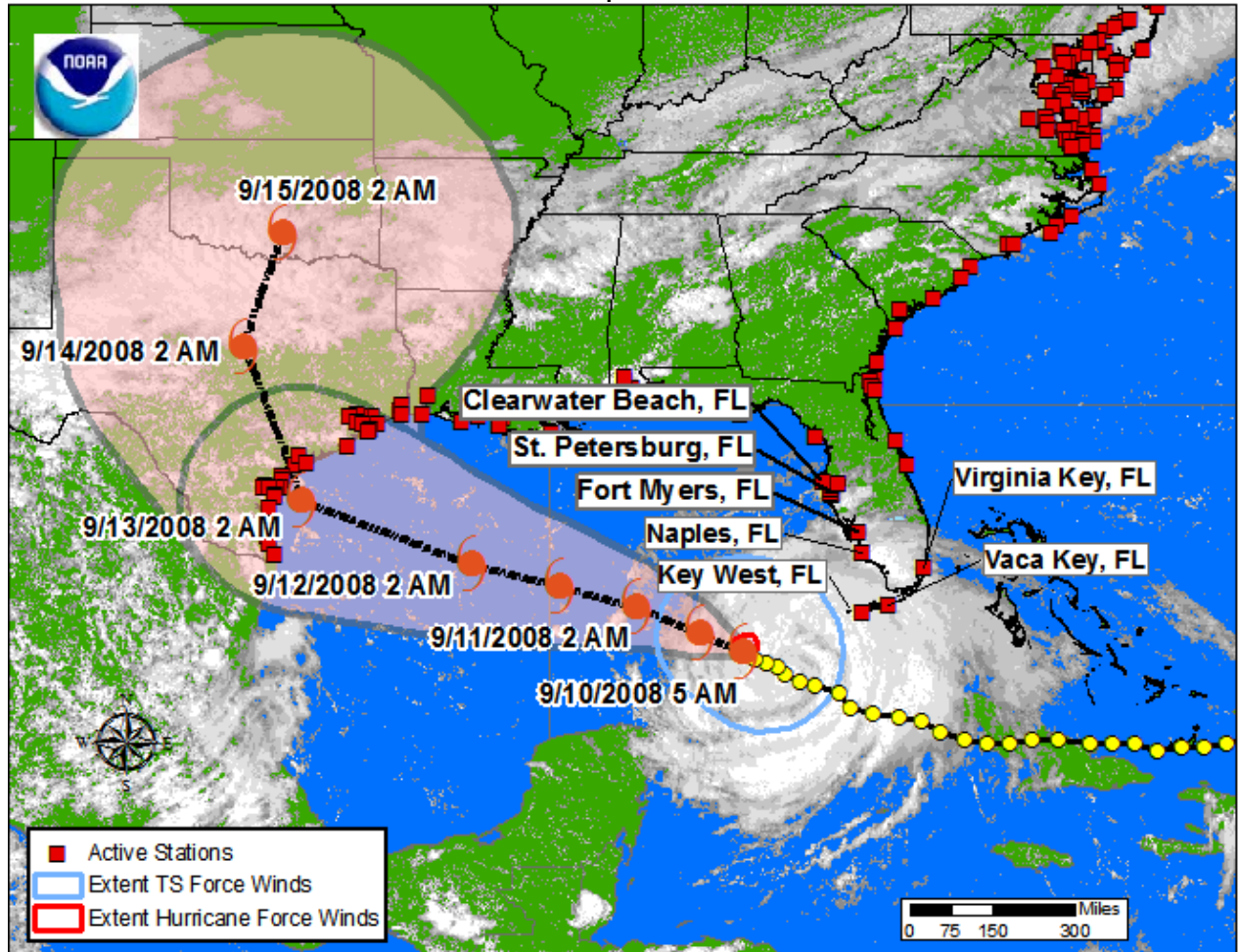




Hurricane IKE QuickLook
Posted: 06:00 EDT 09/10/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/10/2008 06:00 EDT, water levels are elevated across southern Florida and the Florida Keys and range from 1 - 1.4 feet above predicted. Water levels are increasing from Naples to Tampa Bay, FL. Wind gusts are around 20 knots. Barometric pressure is rising in the Florida Keys and falling north of Naples, FL.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Key West, FL: Next predicted high tide is 1.91 ft (0.58 m) at 09/10/2008 06:33 EDT.

Vaca Key, FL: Next predicted high tide is 1.00 ft (0.30 m) at 09/10/2008 09:19 EDT.

Virginia Key, FL: Next predicted high tide is 2.2 ft (0.7 m) at 09/10/2008 18:19 EDT.

Naples, FL: Next predicted high tide is 2.88 ft (0.88 m) at 09/10/2008 09:27 EDT.

Fort Meyers, FL: Next predicted high tide is 1.4 ft (0.4 m) at 09/10/2008 12:37 EDT.

St. Petersburg, FL: Next predicted high tide is 2.4 ft (0.7 m) at 09/10/2008 10:29 EDT.

Clearwater Beach, FL: Next predicted high tide is 2.8 ft (0.9 m) at 09/10/2008 08:17 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: LF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

**HURRICANE IKE ADVISORY NUMBER 37
NWS TPC/NATIONAL HURRICANE CENTER MIAMI FL
500 AM EDT WED SEP 10 2008**

**...IKE STILL POUNDING WESTERN CUBA WITH TROPICAL STORM FORCE WINDS
AND HEAVY RAINS...**

A TROPICAL STORM WARNING REMAINS IN EFFECT FOR THE CUBAN PROVINCES

**AT 5 AM EDT THE TROPICAL STORM WARNING FROM KEY WEST
EASTWARD HAS BEEN DISCONTINUED. A TROPICAL STORM WARNING REMAINS IN
EFFECT FROM WEST OF KEY WEST TO THE DRY TORTUGAS.**

**AT 500 AM EDT THE CENTER OF HURRICANE IKE WAS LOCATED ABOUT 125 MILES
NORTH OF THE WESTERN TIP OF CUBA AND ABOUT 465 MILES
SOUTHEAST OF THE MOUTH OF THE MISSISSIPPI RIVER.**

**IKE IS MOVING TOWARD THE WEST-NORTHWEST NEAR 8 MPH AND
THIS MOTION IS EXPECTED TO CONTINUE ACROSS THE CENTRAL GULF OF
MEXICO FOR THE NEXT 24 TO 48 HOURS.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 85 MPH WITH HIGHER
GUSTS. IKE IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE.
SOME STRENGTHENING IS FORECAST AND IKE COULD BECOME A MAJOR
HURRICANE IN THE CENTRAL GULF OF MEXICO.**

**HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 35 MILES FROM
THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 175
MILES. IKE IS STILL PRODUCING STRONG GUSTY WINDS OVER
WESTERN CUBA.**

LATEST MINIMUM CENTRAL PRESSURE REPORTED BY A HURRICANE HUNTER

AIRCRAFT WAS 963 MB.

COASTAL STORM SURGE FLOODING AND WAVES ALONG THE COASTS OF CUBA SHOULD GRADUALLY SUBSIDE TODAY. STORM SURGE FLOODING OF 1 TO 3 FEET ALONG WITH LARGE AND DANGEROUS WAVES ARE POSSIBLE IN THE LOWER FLORIDA KEYS.

LARGE SWELLS GENERATED BY IKE WILL CONTINUE TO AFFECT THE EAST AND WEST COASTS OF FLORIDA FOR THE NEXT DAY OR SO. THESE SWELLS COULD GENERATE DANGEROUS AND LIFE-THREATENING RIP CURRENTS.

RAINFALL ACCUMULATIONS OF 1 TO 3 INCHES ARE POSSIBLE OVER THE FLORIDA KEYS AND RAINFALL AMOUNTS OF 2 TO 4 INCHES ARE POSSIBLE OVER PORTIONS OF SOUTHWEST FLORIDA THIS MORNING.

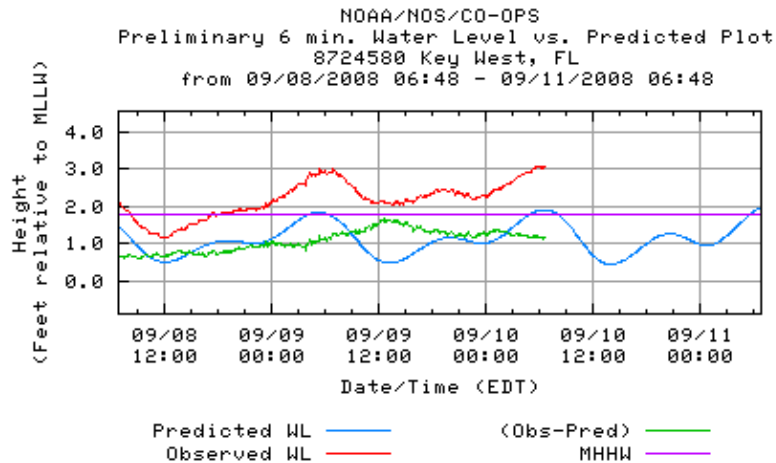
ISOLATED TORNADOES AND WATERSPOUTS ARE POSSIBLE OVER THE FLORIDA KEYS AND EXTREME SOUTH FLORIDA THIS MORNING.

FORECASTER AVILA

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Key West - Water Level](#), [Key West - Winds](#), [Key West - Barometric](#), [Key West - Air/Water Temp](#), [Vaca Key - Water Level](#), [Vaca Key - Winds](#), [Vaca Key - Barometric](#), [Virginia Key - Water Level](#), [Naples - Water Level](#), [Naples - Winds](#), [Naples - Barometric](#), [Naples - Air/Water Temp](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [Fort Myers - Air/Water Temp](#), [St. Petersburg - Water Level](#), [St. Petersburg - Winds](#), [St. Petersburg - Barometric](#), [St. Petersburg - Air/Water Temp](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#),

Key West, FL - Station Map [Return to List](#)

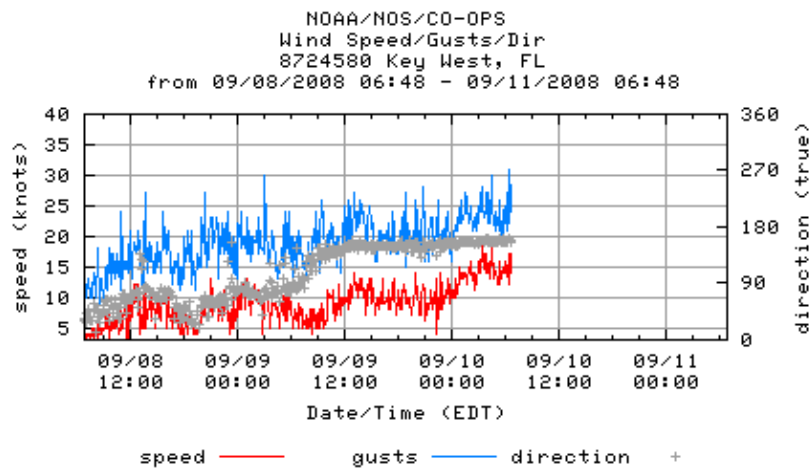


Last Observed Sample: 09/10/2008 06:36 (EDT)

Relative to **MLLW**: **Observed: 3.05 ft. Predicted: 1.91 ft. Residual: 1.14 ft.**

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**

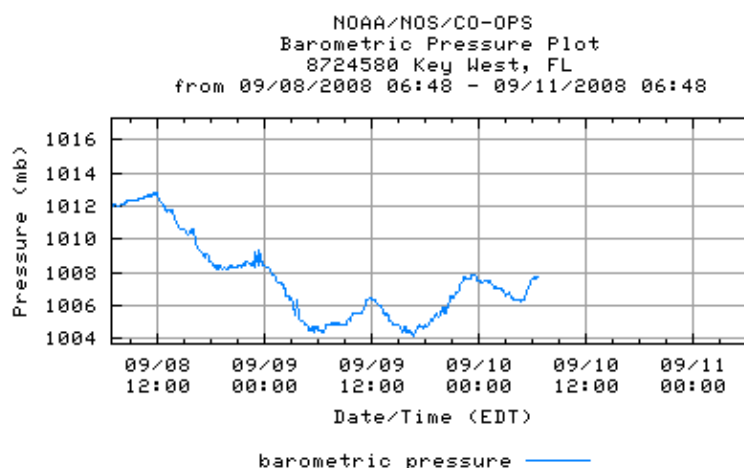
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 06:36 (EDT)

Wind Speed: 14 knots Gusts: 24 knots Direction: 160° T

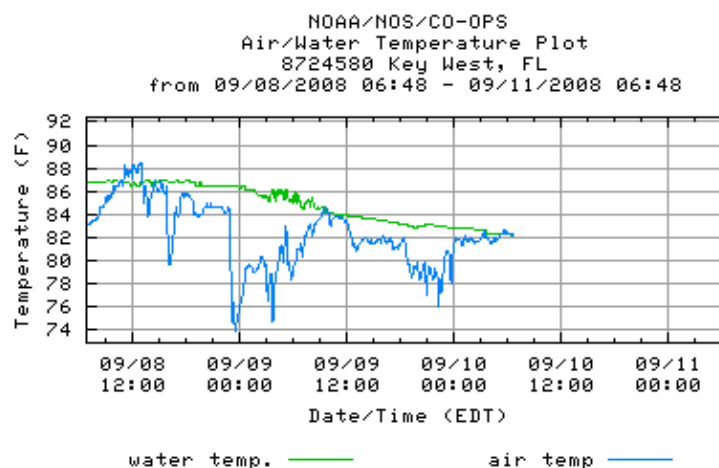
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 06:36 (EDT)

Barometric Pressure: 1007.7 mb

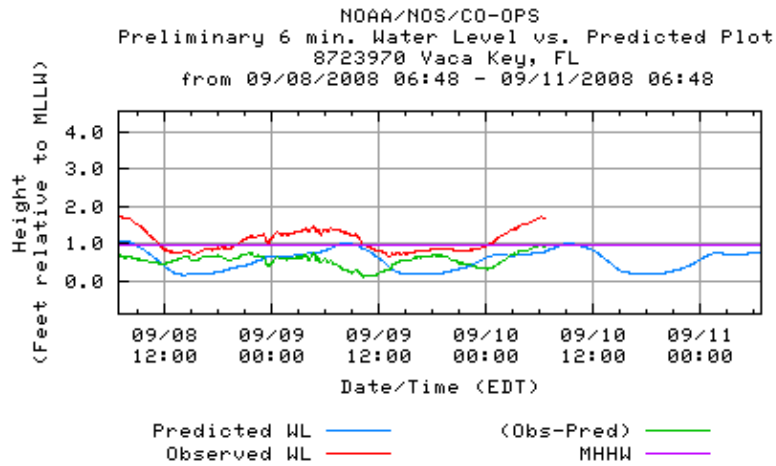
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 06:36 (EDT)

Water Temperature: 82.2° F Air Temperature: 82.4° F

Vaca Key, FL - Station Map [Return to List](#)

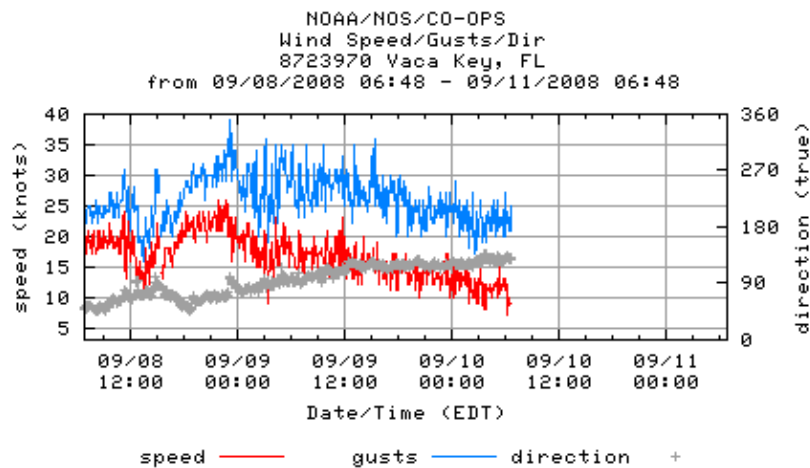


Last Observed Sample: 09/10/2008 06:36 (EDT)

Relative to **MLLW**: **Observed: 1.69 ft. Predicted: 0.78 ft. Residual: 0.91 ft.**

Historical Maximum Water Level: 10/07/1974, 1.42 ft. above **MHHW**

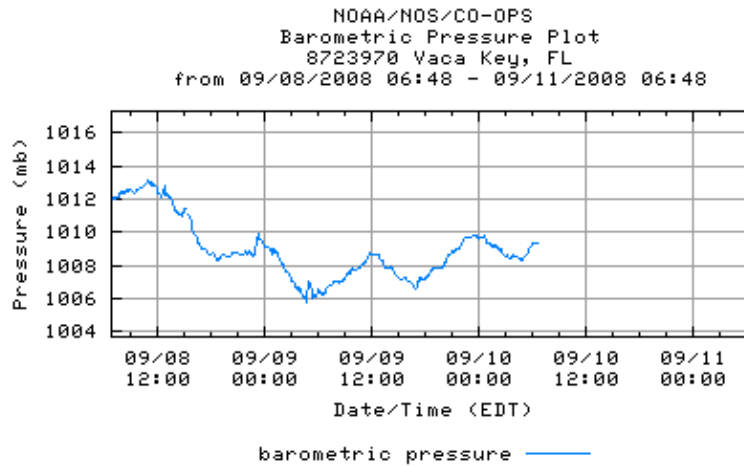
Vaca Key, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 06:36 (EDT)

Wind Speed: 9 knots Gusts: 21 knots Direction: 132° T

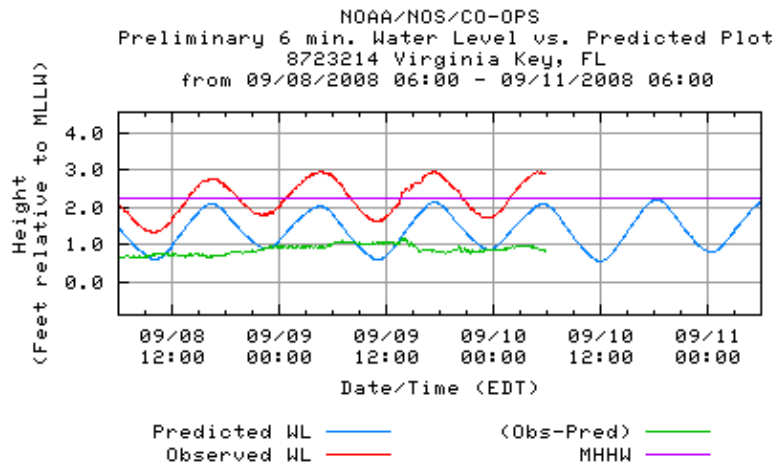
Vaca Key, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 06:36 (EDT)

Barometric Pressure: 1009.4 mb

Virginia Key, FL - Station Map [Return to List](#)

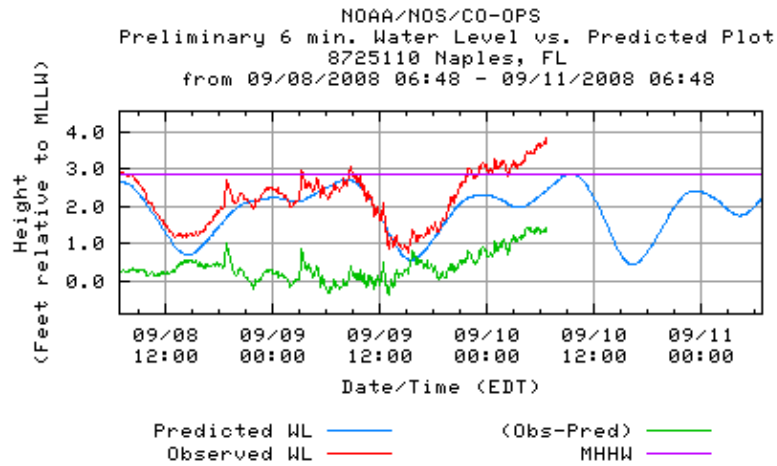


Last Observed Sample: 09/10/2008 05:48 (EDT)

Relative to **MLLW**: **Observed: 2.90 ft. Predicted: 2.08 ft. Residual: 0.82 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

Naples, FL - Station Map [Return to List](#)

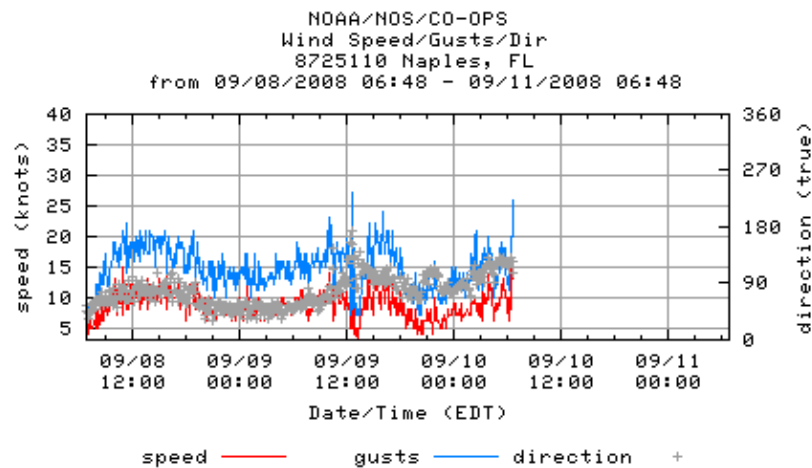


Last Observed Sample: 09/10/2008 06:36 (EDT)

Relative to **MLLW**: **Observed: 3.84 ft. Predicted: 2.42 ft. Residual: 1.42 ft.**

Historical Maximum Water Level: 12/21/1972, 3.11 ft. above **MHHW**

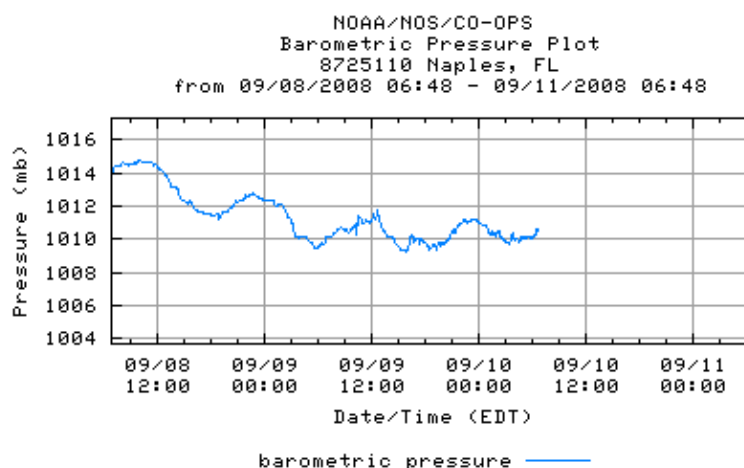
Naples, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 06:36 (EDT)

Wind Speed: 14 knots Gusts: 26 knots Direction: 106° T

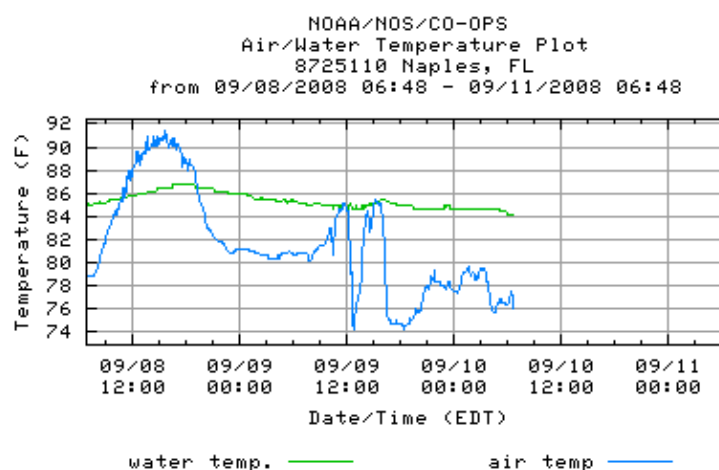
Naples, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 06:36 (EDT)

Barometric Pressure: 1010.5 mb

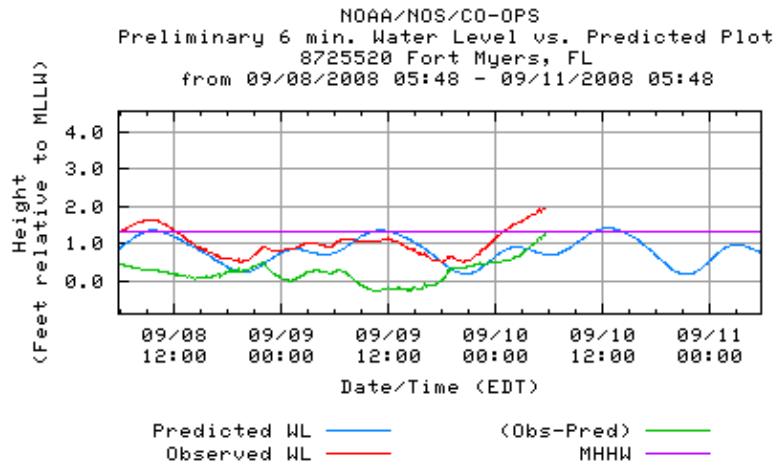
Naples, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 06:36 (EDT)

Water Temperature: 84.2° F Air Temperature: 76.1° F

Fort Myers, FL - Station Map [Return to List](#)

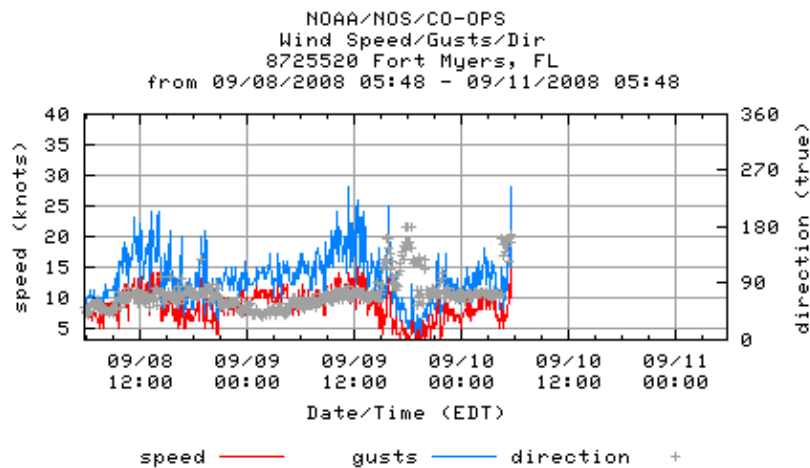


Last Observed Sample: 09/10/2008 05:36 (EDT)

Relative to **MLLW**: **Observed: 1.96 ft. Predicted: 0.71 ft. Residual: 1.25 ft.**

Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**

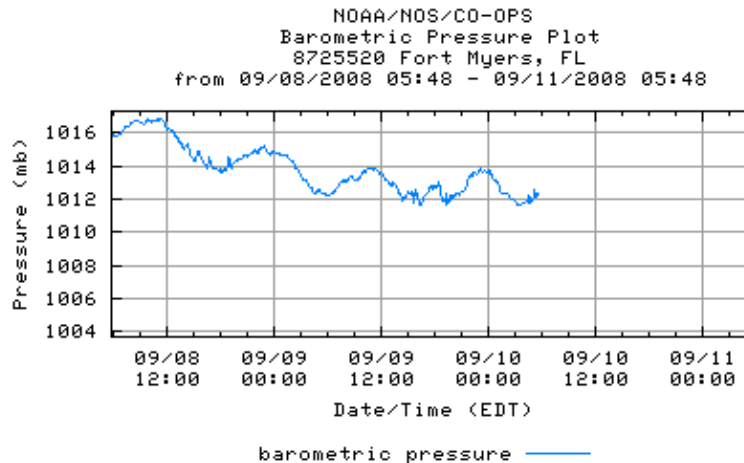
Fort Myers, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 05:36 (EDT)

Wind Speed: 16 knots Gusts: 28 knots Direction: 169° T

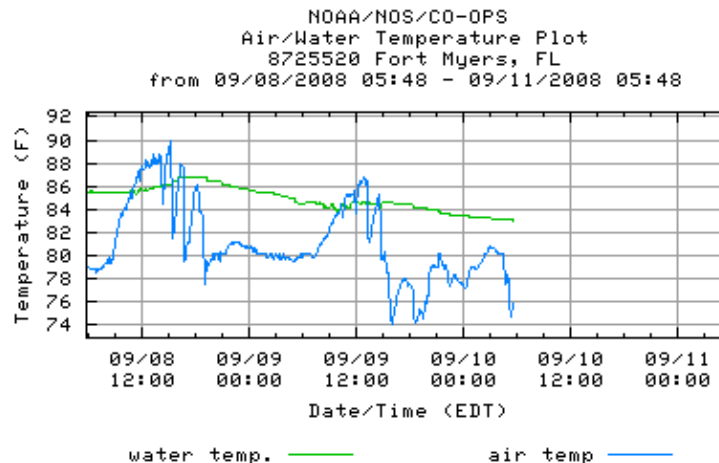
Fort Myers, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 05:36 (EDT)

Barometric Pressure: 1012.3 mb

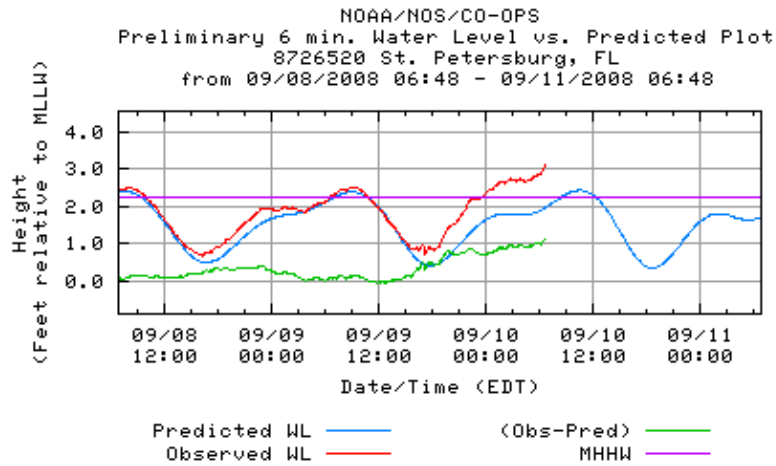
Fort Myers, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 05:36 (EDT)

Water Temperature: 82.9° F Air Temperature: 75.9° F

St. Petersburg, FL - Station Map [Return to List](#)

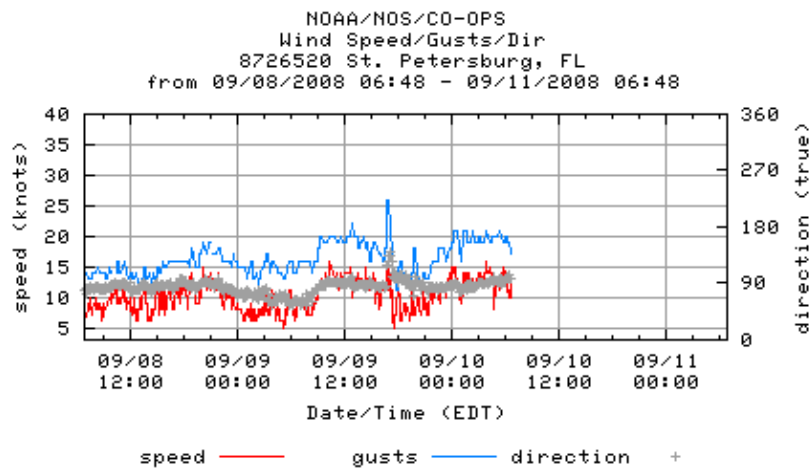


Last Observed Sample: 09/10/2008 06:36 (EDT)

Relative to **MLLW**: **Observed: 3.10 ft. Predicted: 1.97 ft. Residual: 1.13 ft.**

Historical Maximum Water Level: 08/31/1985, 4 ft. above **MHHW**

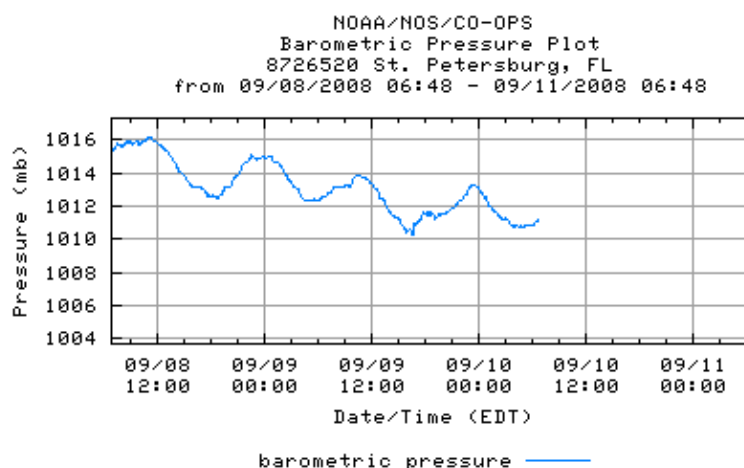
St. Petersburg, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 06:36 (EDT)

Wind Speed: 12 knots Gusts: 17 knots Direction: 097° T

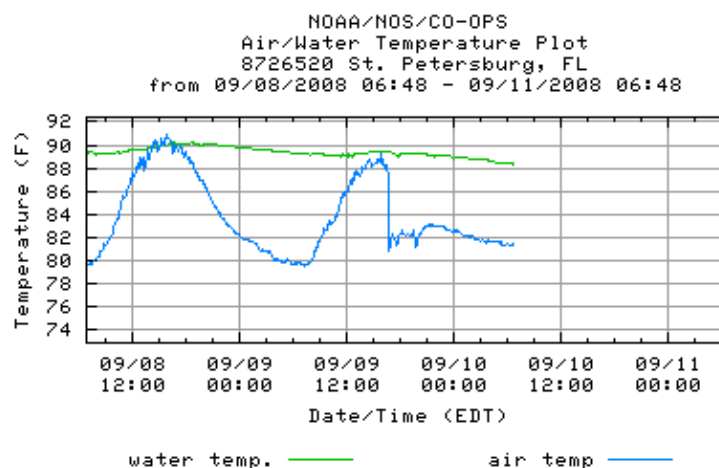
St. Petersburg, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 06:36 (EDT)

Barometric Pressure: 1011.2 mb

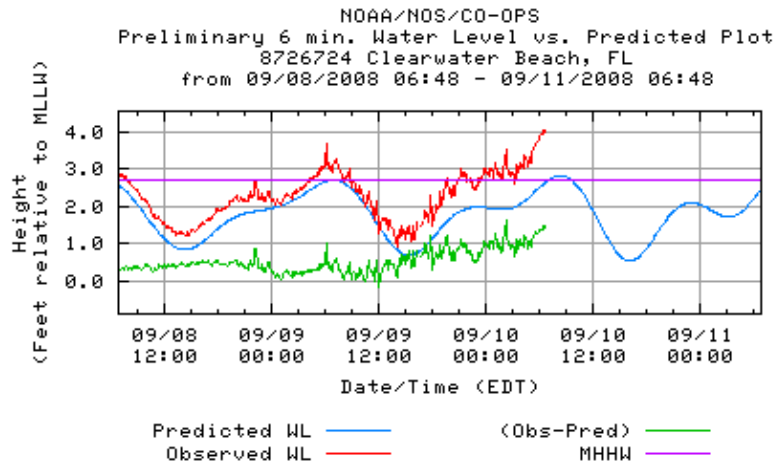
St. Petersburg, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 06:36 (EDT)

Water Temperature: 88.3° F Air Temperature: 81.4° F

Clearwater Beach, FL - Station Map [Return to List](#)

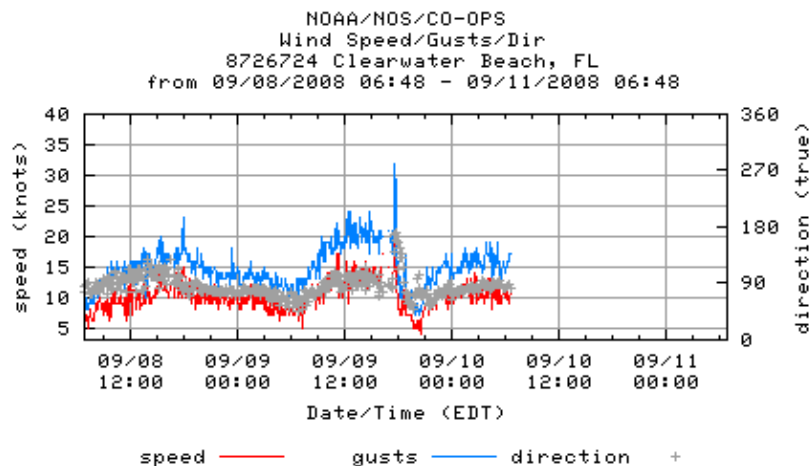


Last Observed Sample: 09/10/2008 06:30 (EDT)

Relative to **MLLW**: **Observed: 4.07 ft. Predicted: 2.62 ft. Residual: 1.45 ft.**

Historical Maximum Water Level: 03/13/1993, 4.05 ft. above **MHHW**

Clearwater Beach, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 06:30 (EDT)

Wind Speed: 11 knots Gusts: 17 knots Direction: 083° T

Hurricane IKE QuickLook, POSTED 06:00 EDT 09/10/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce